SET ON FIRE BY THE SUN. PROF. DRAPER'S THEORY OF HOW THE BIG COMET WAS FORMED.

Shinles by its Own Light and Throwing Off n Train of Little Meteors-Wonderful Changes in the Head - Using the Spectroscope - The Comet's Shifting Shape,

If the comet looked always the same, those who gaze at it through telescopes would pe apt to tire of their occupation very quickly. There are many colestial objects that present a far more imposing and brilliant appearance in the telescope. In fact, for a popular observaon of the comet, a pair of good opera or field classes would probably prove more satisfactory than the most powerful telescope. This is bebeing slight, and their brightening effect very great, they show the whole comet, head and tall at one view, with greatly increased beiltianer. In a telescope, on the other hand, only mehead and a little of the tail can be seen at once. The great magnifying power brings out the details of the head, such as the nucleus, the sems, and the various envelopes, but the corresponding smallness of the field of view and the loss of light cause disappointment to those who, being told that such and such powers are used, expect to see a spectacle grand in proportion. The practised eye of the astronomer quickly detects peculiarities of appearance that an observer unaccustomed to telescopes can barely make out when his attention is spacially called to them. If these appearances remained always the same, even professional star gazers would not care to look at them very many times. But they change in the most wonderful way from day to day, and so the comet remains an object of unflagging interest. It is doubtful whether the head of this comet has presented precisely the same appearance for two consecutive hours since it first blazed out in our sky. To the unassisted eye it resembles always a bright star, without, however, showing any of the flickering that distinguishes the stars from the planets. But in the telescope the only thing about it that does not appear to change much is the bright do!, or nucleus, in the centre. All the learnous material surrounding this dot is in motion. One night it seems banked up in front in two or three rows or furrows. like surging waves. The next night it appears like a plume shot out in front and blown aside by the wind. Again it forms almost a circle about the nucleus, with which it seems connected by spokes of light. Yesterday morning the thickest part of the coma seemed to have been pushed around to one side of the nucleus, which it almost embraced in its circlet, leaving, however, a distinct gap in one direction. From the nucleus, which on Wednesday morning was as round as the disk of a planet, shot out one or two short bright beams, like tongues of flame, piercing the nebulous envelope behind. All the features of the head are becoming more distinctly visible as the the planets. But in the telescope the only thing

direction. From the nucleus, which on Wedlessday morning was as round as the disk of a
planet, shot out one or two short bright beams,
like tongues of flame, piercing the nebulous
envelope behind. All the features of the head
are becoming more distinctly visible as the
cometrises higher in the sky, and so escapes
more and more from the smoke of the city.

"The comet is now in the constellation
Camelus,' said Prof. Henry Draper in Dobb's
Ferry yesterday, "and is rushing along at
the page of half a million miles a day,
lapid changes are going on both in the
cometa week ago the come curved out and
on each side of the nucleus. When I first saw
the cometa week ago the come curved out and
on each side of the nucleus in the attitude of a
flying bird. But last hight the wings had
flooped forward, or rather backward, toward
the sun. Another remarkable phenomenon
was that a large part of the come has settled
upon the nucleus. This is accounted for easily,
You would naturally and truthfully presume
that as the comet retreats from the sun it would
some its heat originally given to it by the sun.
The coma is undoubtedly volatile, and as the
jeat of the nucleus decreases I should expect
that the come would become less in volume and
fainter in appearance. Such is the fact.

"Another curious fact. As I looked at the
nucleus it flashed out to an immense distance
on the side toward the sun. Then I remembered that the great Donati comet in 1858 did
the same thing, and that comet also gave a
thrill or shake all along its tail at the instant
wheat call, but great out the proper of the first
would be another, but is more obtone."

"Have you obtained another robotegraph?"

"Yes; last night I tried to see whether
the tail would prove an obstruction to the rays
of starting on his house top with a pole to fend
off the comet's tail if it should whisk around
this way. He can climb down now, for the stars
showed very vividiy through the tail. By the
way, a curious triing happened in taking the
plate. I exposed the plate to the tail of

bave been sure of gas around the nucleus; but the spectrum was continuous.

"My second object," continued Prof. Draper.

"was to see whether the tall shone by light redecied from the sun. Now, sunlight, even if reflected from the moon or star, gives lines in the spectrum. But the spectroscope gave no lines in its spectrum. Therefore the tall shines with its own light.

"My third object was to examine the coma and see whether it is giving out bright bands in its spectrum. Bright bands are due when seen in the spectrum, to compounds of different chemical elements; and lines, to distinct elements. In a spectrum of the electric meandescent light there are bands, and they are broken up, showing a mixture of hydrogen. In the spectrum of the come of Coxgra's comet the bright lines indicated the presence of hydrogarbon. In the come of this comet, however, the bands are much softened down by the brilliant continuous spectrum of the tall."

"What then in your opinion, is the comet maio of?"

"The nucleus is either solid or liquid, probably

The nucleus is either solid or liquid, probably solid and mineral, heated by contact with the su to met the degree of heat that if you heated more it would liquely. I do not believe that the nucleus is any hotter than you could heat a major to be suffered in the artist of the nucleus is any hotter than you could heat a meral on earth. Together with this mineral probably some volatile finit like naphtha. Our as falls in with this huge bail wandering his possible who was a suffered by the solid wandering his toward int and the naphtha heats to the solid toward the sail wandering he whole affair on lire. The tail that it sows off I take to be particles thrown off from a nucleus like a rain. The rain drops are made in the solid the sufficiency have sometimes get away from the comet's fluence, leave following after it, and set up a themselves as travellers in space. It is could cortain that space is peopled by meteors, a to the doma that may be the volatile liquid at meandescent mineral on the side toward is sun." e nucleus is either solid or liquid, probably

ow does the tail precede the comet on your How does the tail procede the comet on your sorry of the comet's constitution?"
Well, I have to go beyond abserved facts w. It is not extravagant to say that when a fourth state of matter, recently so much noted, is fully undorstood, then this curious aduct of a comet's tail will be explained. It serials that energies is connected with the minestiv of the comet, and why not the fourth also of matter? In going around the sunery comet loses substance, and probably elected by off. Why may not the sun's heree at develop this fourth state of matter and erate in agent at work which is repulsive to a sou and any of its works? This agent may this fourth state of matter."
What are you going to do next in your obviously?" "I want to get a large photograph of the smally itself. From Fin goths to travel over me nucleus with the spectroscope and look all over the comers tail for solar lines."

Hacing on Wheels. Bicycles spun around the track on the Elizato Athletic Citib's grounds yesterday aftern on a trivial case, half a mile, was it in it. O. Talmadge the Younger Bicken within N. J. Duam. Edge-water oscia. A. C. Bedell, Essen Elizate Citib, and N. H. Day of the Armader Williams of the Western of the Armader Williams of the Western of the Armader Market Citib and Citib an

VETOED BY THE GOVERNOR. The Bill Curbing Comstock-Pushing Through an Anti-Pigeon Shooting Act.

ALBANY, June 33. The Governor sent to the Assembly a veto of Col. M. C. Murphy's in E. M. Benjamin's silk house, at 20 Greene "spy bill," which was aimed to curtail the extraordinary powers conferred upon Anthony Comstock and his society under existing laws, This bill passed the Assembly without a dissenting vote. In the Senate it was discussed for several days and passed that body by a twothirds vote. The Governor's chief objection to the bill is that it would make the enforcement of the law against lotteries more difficult. He

of the law against lotteries more difficult. He concludes:

If the proposed disability is sought to be incosed in consequence of the original of stages and interiors, an error has evidently been compatible as to the repelly in such above. It will expect to the consequence of an except of mandring additional legislation, it should be directed against the wringstors to see me their points, which is not a new property to be not have a considerable to the remainstant of crime with the sole rate in a forement, against his victim, who may be fed unaways of enford into a vicination of law, he should be purshed as principle row and but to declare by statute that the testingly of the present out to declare by statute that the testingly of the present signed an offence, of is knowing to any great vicination of the angular another and cause for a vicination of the crime committed is rabber a vicination and denice one presentation.

When the reading had been finished, Col

connectes there with, shall be received in evidence cause he has looked information of the rime committed, is rather a violent and dangerous presumation.

When the reading had been finished, Col. Murphy moved that the bill became a law, notwithstanding the objections of the Governor. When the ramp of Joseph Desaitx Dickey of Newburgh was called, he said that under the existing law bad men could invelte people into the commission of a crime under the pica that it was done to further the ends of justice. This bill was intended to remedy that evil. I had the endorsement of almost the entire press and people. The Legislature had passed it almost unanimously. He had voted for it, believing it to be a good bill, and he could see no reason why he should change his vote now, simply because the Governor did not agree with him. He voted to override the veto. Arthur Dickinson Williams, the problew of Daniel's Dickinson of New York, Dr. Oleomargarine Femorer of Fredonia, John Ratz of Brooklyn, and William Jenkins Trimble of New York were the only other Republicans who voted to override the veto. The following is the vote in full:

Yess-Messis, Andrews, Penedict, Boran, Brawning Bulmer, Catha, Chang, Chark, Cahen, Dickey, Domeho-Dougherty, Enge, Franning Femore, Finley, Higgins-Hoffman, Lonewell, McCarthy, Nebenough, Moller, J. Murphy, M. C. Marphy, Newbon, Fatter, P. Stersen, Pratt. Reitz, Stanley, Sheriban, Smith, Spinola, Thielmann, Towney, Trimble, S. R. Weils, and Williams—S.

Nays-Messis, Alverd, Armsteon, Baker, Grach, Bean and Beanny, Highers, Holling, Charley, Chark, Cahen, Dickey, Demand, Hander, Higgins-Hoffman, Lonewell, McCarthy, Nebenough, Moller, J. Marphy, M. C. Marphy, Newbon, Fatter, Brieve, Highers, House, Bulmer, Casher, Campbell, Carley, Chanberlain, Chickering, Culman, Draper, Dugme, Dutcher, Evans, Leverett, Fish, Gates, Gillette, Goodman, Gordher, Hand, Hunter, H

Seele, Turck, H. H. Tuthill, R. M. Tuttle, Waring, and the Speager 500.

Senator Forster made an attempt to have the Railroad Commission bill set down for a special order next Monday morning, and to be continued every morning thereafter until finally disposed of. The motion led to a long parliamentary skirmish, and flually the matter was compromised by making the bill a special order for to-morrow morning. This is not much of a show for the bill, as the Senate does not meet until 11:30, and it will protably adjourn immediately after the joint convention. The tactics of the opponents of the bill have been all along to avoid the taking of a direct vote upon the final passage of the bill.

On motion of Senator Strahar the Senate went into Committee of the Whole on Henry Bergh's anti-pigeon killing bill and ordered it to a third reading without amendment. The following is the bill:

Secross I. Any person who shall keep or use any live pigeon, towl, or other bird or animal for the purpose of a larget of to be shot at, either for animal for the purpose of a larget of to be shot at, either for animal for the purpose of a larget of to be shot at, either for animal for the purpose of a larget of to be shot at, either for animal content of the sales.

Section 1. Any person who shall keep or use any live rizeon towh, or other bird or animal for his purpose of a tartest or to be shot at either for annusement or as a test of skill in marksmanship, and any person who shall shootateny pigeon, fewl, or other bird or animal, an appreceding of the pigeon, towl, or other bird or animal, and any person who shall rest any funding shed, room, vard, field, or other person who shall rest any funding shed, room, vard, field, or other premises, or shall suffer o, permit the use of any building, shed, room, yard, field, or other premises to the purpose of sheoting any rigeon, fewl, or other bird or animal as aforeshid, shall be guilty of a missemeanor.

Sec. 2. Nothing herein contained shall apply to the shooting of any wild game in its wild state.

COLLEGE COMMENCEMENTS.

Degrees Conferred by Dickenson, Bates, Trin Ity, Wesleyan, and Hobart Colleges. WESLEYAN UNIVERSITY.

HARTFORD, June 30 .- The commencement exercises of Wesleyan University, at Middletown, Conn., were held to-day. Honorary degrees were conferred as follows: Master of Arts-Marcus Ward Lyon and Joseph Henry Owens; Doctor of Divinity-J. C. W. Coxe, Joel W. Eston, and Daniel A. Goodsell; Doctor of Laws-Prof. James Strong of Drew Theological Seminary.

TRINITY COLLEGE.

HARTFORD, June 30.-The regular graduating exercises at Trinity College occurred at the Opera House to-day, Churles W. Jones of Pittsburgh, Pa., delivered the salutatory oration. and J. R. Parsons, Jr., of Hoesac Falls, N. Y., the valedictory. The only honorary degrees upon Austin De Wolf of Greenfield, Mass., and C. E. S. Rasey, Shattuck School, Fairbault, Minn. As Mr. Parsons, the valedictorian, was beginning his address to the faculty he was suddenly overcome by the heat and fainted, but soon recovered, and came back to the stage and fin-ished his address, although he came near hav-ing a second attack. HOBART COLLEGE.

GENEVA, June 30.—At the Hobart College commencement here to-day the following degrees were conferred:

Li. D.—Theodore Stering, M. D., Professor of Natural Philorophy and Chemistry in Kenson College, Onio, John N. Whitney, A. M., of New York, S. T. P.—Sterick Rev. L. R. Brewer, A. M., Bishop of Neutran the Rev. Francis Lobdeit, Rector of St. Andrew's Church, New York.

BATES COLLEGE. Lewiston. June 30.—At the commencement exercises of Bates College this morning the degree of A. B. was conferred in course on a graduating class of thirty, and the usual degrees on six graduates of the Theological School. Honorary degrees were conferred as follows: Lt. D.—The Hon William P. Frye'er Lewiston, the Hon. Moedy Currier of Manchester, N. R., and the Hon. Hirran Orent of Lebonon, N. H. D. D.—Thomas-Goodby, President of Chitwell College, England. Ph. D.—Charles, L. Bounds, Farmington

DARTMOUTH COLLEGE, Hanover, N. H., June 30.—The graduating class of Dartmouth College numbers 49, with 12 in the Chandier Scientific Department. Honorary degrees have been conferred as follows:

Honorary degrees have been conferred as follows:

LL D.—Gov. C. H. Bell and Fimethy Parker Restfield of Mantecher; D. D.—Levi H. Cohle of Minneaporis, Edward M. Haines of Wantenni, S. Y.; Ph. D.—Samoel W. Masses of Buston, Jacob M. Cott of C. occord, Jonathan Jenney of Albany, John W. Allard of Minord, Prof. Ecbert Fleisher of Hanover.

DICKINSON COLLEGE.

DICKINSON COLLEGE, Carlisle, June 39.—The commencement ex-ercises of Dickinson College closed this evening. The following honorary degrees were conferred: Master of Arts, the Rev. D. H. Schook of New Jersey and the Rev. George W. Miller of Wilmington, Del., Dec-tor of Phiology, Fred. Famin M. Leakin of Maryland, Doctor of Divinity, the Rev. W. Moslin Frysincker of Har-risoning P. A., and the Rev. John B. Van Master of Ram-inore, Md. Doctor of Laws, the Rev. Prof. W. M. Nevin, D. D. of Lameaster.

The Hon, James G. Blaine was selected as the orator before the societies next year, and the Hon, Win, H. Ruddiman of as the poet.

GRADUATES OF THE NORMAL COLLEGE. Commissioner Wood's Story of a Scittsh

Auval Officer's Compliment. A procession of pretty young women flied into the chaper of the Normal College Festerday morning. Most of them were picture-squely chall in white, with smiles and roses in their hair or festered to their girdies, and here and there, in pretty contrast, was a bit then the graduates, and lastly the meters the only unleggraduates who took part in the commencement. The atform, which was occupied by President Thomas dward C. Dennelly, Isaac Bell, Hugh S. Camp, Judo-Edward C. Dominis, Isaac Rell. High S. Camp, Johns Larremore, Principals Boyle and Davenport, and the professors of the college. On a lower platform were the lady teachers, Mrs. Netheliand, Mrs. Hoyle, and other ricends of the institution.

The carricans included easilys read by the grinduality and choir singles. Edien M. Carter Schwert the additional formation, and easily on rich attletes as Physical Edition, and Condition, and Condition of the Communicant, Schilden, and Special Professions for Women. Worth read by Schilla & Schill. America & Surry, Modle Colon, Labora & Pount, and Butth

Professions for Weiner. Near Pearl 37 Points and Earth Amelia 2 Sarry. Noble Cohn, Laira L. Points, and Earth Amelia 2 Sarry. Noble Cohn, Laira L. Points, and Earth Marineten.

Problett immer them a warded diplomas is the young weaten, and superintendent Jasper breaked the formession of them were warded the prize metals. It makes to discuss to said that some beside in all their offices an opinion. In fact the suffects at the Samal College were overgrowted. "Surelying one," continued by the discussion in a surelying one," continued by the discussion of the surelying of the said that the fact opinion. I am inclined to arrest with a children the Empirical Navy Moon I brought to use of these confinements, and who said are a wife."

At this far said to discuss only a visit feeting restor the confinement of the said to the said the said of the said of the said to the said the said of the said to the said the said the said to the said that the said to the said the said the said the said to the said the said the said the said to the said to the said the sai

Boston, June 30, -John Shepard's team Mill

FIFE PERSONS DROWNED A Bont Containing a Pleasure Party Capelzed

Several weeks ago some of the employees street, planned to make a racht trip during their summer holiday to Newport and back, passing their nights in hotels at points along the route, and spending about two weeks in this manner. The party, as finally made up, consisted of William R. Palmer, saleman at bookkeeper for Thomas & Co., 5 Bowling Green, boarded with Mr. Johnson's family at 37 East Tenth street, and he came into the party and brought his friend William T. Elmiston, a ship broker of 70 Beaver street. Miss Fannie Camptell who lived with the Johnson family, also went along. On Tuesday afternoon the whole of the party were drowned, with the exception of Palmer and Michael Hobishon, the man in

charge of the yacht.

The party engaged the yacht Sophia from Richard Bosch, a boat keeper at the foot of Court street, Brooklyn. It was sloop rigged, carrying a mainsail, jib, jib topsail, and galt topsail, and was 37 feet 10 inches long and 13 feet wide. An experienced satior, whom Mr. Palmer calls Michael Tompkins, but whose name Mr. Bosch says is Hobichon, was sent to manage the yacht. The trip was begun on Monday morning. At Port Morris Mr. Johnson and Miss Campbell came aboard. They stopped that night at Glen Island. On Tuesday morning they set sail for Bridgeport. The weather was hazy. At about Il o'clock the wind died away, the yacht being almost becalmed about four miles from the Middle Ground light and about six miles from Bridgenort. The sir was close, and heavy black clouds showed that a thunder gust was ap-

almost becalmed about four miles from the Middle Ground light and about six miles from Bridgerort. The air was close, and heavy black clouds showed that a thunder gust was approaching.

Mr. Palmer says: "I was brought up at Stonington, Conn., and am used to handling sailboots, and I did not think that there was any serious danger. We took in sail, stowed loses articles away in the cabin, and made everything sing. It began to rain, and suddenly, at about 2 o'clock, the gust struck us from the north, sending the yacht away before it. Then the wind shifted around to the west, and hurled the yacht over on her beam ends, the waves breaking over her. They acht filled with water and sank. I tried to save Miss Campbell, but was unable. The yawl was tred to they yacht, and was drawn down. Eatmiston sank first; he could swim but very little. I saw young Sealey going down. He seemed to be saving something, but I could not hear him. Eldy seemed to have hold of a rail, and supported himself a little while before he sank. Then Johnson, who could swim a little, gave out. I heard him say 'Good-by' before he sank. Then Johnson, who could swim a little, gave out. I heard him say 'Good-by' before he sank. Then Johnson, who could swim a little, gave out. I heard him say 'Good-by' before he sank. Then Johnson, who could swim a little, gave out. I heard him say 'Good-by' before he sank. Then Johnson, who could swim a little, gave out. I heard him say 'Good-by' before he sank. Then Johnson who could swim a little, gave out. I heard him say 'Good-by' before he sank. The bedon's hear and found her dead. I got hold of an ice box, and heard Eddy shouting for nelp. The sailing master. Tompkins, swam to the ice box and joined me. If he had not I should have been drowned, for I lost consciousness."

Hobichon and Palmer were rescued from the icecox after they had been on it for three hours by the schooner Senator, Capt. Bonsey, from Maine, which her had been on it for three hours by the schooner Senator, Capt. Bosey, from Memorial and hear t

RECORDS OF HALF A YEAR,

Some Figures as to the Business Pallures in

The failures reported in this city for the six months ending June 30 number 205, with aggregate liabilities of \$5,807,285 and actual as sets estimated at \$1.988.924. These figures include all failures and assignments, and are consequently somewhat larger than those of the purely mercantile statistics. Bradstreet's for the same period, 1880 gave 203 failures, with aggregate liabilities of \$7.510,944, and actual assets \$2.739,921, the percentage of assets to liabilities being 36.2.

The past six months therefore show a considerable reduction in the gross amount of ilabilities. Morethan one-half of the failures, too. were for amounts less than \$10,000 habilities, there being 115 below \$10,000, 48 between \$10,000 and \$25,000, 23 between \$25,000 and \$50,000, 9 between \$50,000 and \$100,000, 7 between \$100,000 and \$100,000, 2 between \$200,000 and \$500,000, and \$100,000, 2 between \$200,000 and \$5500,000, and \$100,000, 2 between \$200,000 and \$5500,000, and \$100 or \$1,000,000. The inreast number of failures in any one branch of trade was among the liquor and beer dealers. The number was fifteen, and the aggregate of liabilities \$760,005 and of assets \$112,144.

The number of failures in the United States in the first half of the present year is given by Dun, Wiman & Co. as 2.862. In the first six months of Isso the number was 2.397, and in the corresponding period in the previous year, 4.018. The liabilities for the first six months of this year are stated to be \$10,000,000, as compared with \$33,000,000 for the first half of 1880, and \$65,000,000 for the corresponding period in 1879. In their semi-antual circular they say:

The feares as to satisfies for the gast six months, taken as whole, indicate a stability and stream in the position of the result mass of the mercatific community that it in large generality. The tendency is, therefore, under such invariable caramistances to extend the index of credit very randly. The tendency is, therefore, index such invariable are an ended in the result was a state of the terms of credit, are particularly indicates obtain 2006, and the growing increase in the two and ease of the terms of credit, are particularly indicates the instance of credit are particularly increases as few and the volume of hostiness, when failures seen as few and the years of a credit is most difficult policy to pursue, yet it is just in such times as these that hidden dangers he in circumstances the most unsuspected. \$10,000 and \$25,000, 23 between \$25,000 and \$50,000, 9 between \$50,000 and \$100,000, 7 be-

1,300 BLUE COATS ON PARADE. Reviewed by the Commissioners in the Mayor's

Thirteen hundred policemen in their new helimets and newest coats began to essemble for their similar parade in Lafayette place at 7.45 A. M. vesterday, Half an hour later the order to march was ursen, and litriy-five horsement belonging to the mounted squad, in command of Sergeant Revell, which headed the line. wheeled from Great Jones atreet into Broadway. Hall n Grandh's Seventh Regiment Band, playing their mer-lest, followed. Then came Superintendent Walling, accomprised by two roundsmen, who acted as his anta. He hind him marched Inspector Dilas at the head of the first batterion, which was composed of the commands of elapts, Mount, Killien, Steers, Ward, Leary, Mur-phy, Davis, Hobbins, and Hooker, Inspector Phering phy, Bavis, Robbins, and Hooker. Inspector Therms communished the second battalion, is which marched Capts. Williams. Bregam, Alken, and Webb, with their communist. The second battalion, and Webb, with their communist by Inspector Migray, and contessed of the squade of the first Battalion, which was communied by Inspector Migray, and contessed of the squade of Capts Caffrey Kethilach, Kenly, Chinchy, Styan, and Toman, and Services of Capts Caffrey Kethilach, Kenly, Chinchy, Styan, and Toman, and Services of Ratt-fion, which was controped to do his detectives, but of the corps of Capts of Ca Fact and greet of the parade has ordinarily been a review by the Major but yesterdas Major before a review by the Major but yesterdas Major before and a felice, sy the Major but yesterdas Major before and a felice, sy the Major but yesterdas Major before and the Major but yesterdam for the Commissioner River Comman. Excess Chemical and Fact and September Horman. Excess Chemical and Land, Aldreimen Kenny and McClave, and expenses the State.

The head and the long major has commissioner when a felicial and the long major has a felicial and the long major has a felicial and the long major has a felicial and the formal and the sorting for the felicial and the long major has a felicial and the felicial and the long major has a felicial and the felicial and acknowledged the felicial and the felicial and acknowledged the felicial and the felicial and

Polsoned by Enting Currents.

Pour Jenvis, June 29. -Hattie, a 4-year-old hipling his inver lidward teatwin, on Saturday last, atone corrects from bushes in the part of her tather

IN A GYPSY CAMP.

ton's Prophecy. A band of gypsies have a camp between Stewart's Junction and Mineola on Long Island. They live in their wagons, which resemble circus vans, and are in reality comfortable little houses upon wheels. They have windows which work in sashes, and are shaded at night by curtains. There is an attractive appearance to the camp. The horses are sleek and well Benjamin's: H. M. Johnson, entry cierk, and kept, and they were all feeding restorday. William Scaley, the errand boy. Hermane Eddy, There were dogs sleeping in the sun, and as a

which work in saskes, and are shaded at night by curtains. There is an atreadyce appearance to the cann. The horses are sleek and well kept, and they were all feeting yesterday.

There were does sleeping in the sun, and as a stranger entered the canny they may be a stranger entered the canny they included a stranger carried to the state of the stranger of the stra

other, gamboiled after her. AARON BURR'S WIFE'S ESTATE. Judge Barrett Grants an Order for Its Sale

Judge Barrett, in Supreme Court, Special Form, yesforday in the suit brought by Wm. Inglis Chase and his wife against Nelson Chase and others, for the par-ntion and sale of the real estate in this city and Saratoga County, known as the Junet property, signed a decree Breeting such sale and the distribution of the proceeds afterward married Aaron Burr, until her death in 1805, since that time the property has been held by Nelson Chase, who married an adopted daughter of Mine. June: Since the death of Mine. Junes there have been almost constant intrations between claimants to the estate so that at present there are liens against it for marily \$250,000 in the form of indiginants against 18 log marily \$250,000 in the form of indiginants against 18 log marily \$250,000 in the form of indiginants against 18 log in the various head controverses in the various head controverses in the form of Junes Williams (Charles of Charles (Cong. for \$250,000), and another 18 included of Charles (Cong. for \$250,000). Firs there was a protracted contraversy over the will of Mine Junes I will the Supreme Court brought. First there was a profuncted controversy over the will of Mine James in a suit to the Surreuce Court brought by her alleved lights against Mr Chase, then an action against Mr Chase, the Court by the Mr Changes in the Subteme Court by members of the James and the Subteme Court by members of the James thanks who based there caim upon an alleved agreement with Mr. Chase, whom the settlement of the Will controversy. Finally, it being ascertained in the Bown suit that Mrs. Junes has no title in fee to the property, a suit, where is still pending was brought in the United States Circuit Court by the heirs of Stephen Junel as elaiments by inheritance.

The estate unifraces since lots at the northeast corner of Broadway and Liberty steed, several hundred into above 160th street on the Hulson and Harrem Kivers, and several large tracts in Saratora County. The encumbrances mean the property including mortgages, indements taxes, and assessments agares ate hearly 500,1000. Win inches Chase, the planning he hearly 500,1000. Win inches Chase, the planning has compromise, with the Junel claiments, so the proceeds of the sale in partition of the estate is undisputed.

The decree differes that two firsts of the proceeds of the sale in partition and the deposited with a trust company pening the result of the contravers now going on in the rederal courts. Selson Chase claims on shall of the date of the particle that twinting and the first court of the sale in particular that the other half. Junge Barrett secrees has been done the report of Praile T. neggies, who was referred in the action.

THE EXPLOSION OF THE DOTEREL. Horrible Scenes Attending the Disneter-The

PANAMA, June 21.-The Patria of Valparaiso publishes a letter from Punta Arenas, dated May I, civing the tollowing a count of the destruction of her Majesty's ship Detere!

"tin Tuesday, April 20, at 9 A. M., the English gunboat Detered anchored in the readstead. At 10% A. M. a terrible explosion shook all the houses in the place, causing a protound pants. In the air could be seen objects of difrible explosion shook all the house in the place, causing a protoining partic. In the air could be seen objects of different forms and sizes, and projectiles were thrown in all directions in the bay.

"Two hearts paid off from the Chilian schooler San Jose, and the positions had form the Chilian schooler Family See, and the position had kellogy self another. These boats before hearts the rained vessel, where the first to realize assistance. A tent of the family self-carrier the realized hearts the rained vessel, where the first to realize assistance. A tent of the salind one discovered two objects in the water, one of the sufferes was asked from certain death. The body was completely had a first creating to the split one of the sufferes was asked from creating the heart manner. We among the begin made allowed the solid particles and the short in a barrier to be asked the would, wrapped him comfortably in blankets, and put bins to hear brown the sufferent be a manned resonance. "Other boats arrived about the same time with seven more unitarities, and were completely exhausted and becaused to be ample from the would arrived as the first boats arrived about the same time with seven more unitarities, and in each of first the water. They would not steam of the with them. All the neighbors consisted each other in efforts to restore them, some administering doscored hold wire, there was trying to precious a restination of the water through the other housed them with the warm bester and in which the short through the other was trying to precious a restination of the water through the own has take a set of supple their with blankets, putting on new and dry challing, putting them in warm bester, and in color of the water through the own has take a set of supple their stiffened limits, except the catain and Quartermanic, where were teaching the water was trying to precious a resting about in the relation man of the water stations. In a full the exercise to supple their stiffened limits, except the catain and Quartermanic,

THE PERUVIAN ANARCHY.

The atted States Moving Toward a Recog-

has received despatches from Washington instructing the Minister to proceed and recognize the Government of Mr. Calderon, should such a step, in his judgment, seem to be convenient. The Minister is reminded that constitutional governments are especially favored by the administration was to proclimatile Constitution of Para, adopted in 1863. The despitches also influence that the depted in 1881. The dry letters are difficult that the mercian slowerment would enturally profer and ugith 18 moral support any other's business toward the relabilishment of prace in Ferm. The official recognition the processional towerment by the Linted States and doubtless he followed by the same action, on the rate of the rations. The populous departments of Aucha and Hummer have declared their all glame in the wallennist alies.

The Childra Authorities maintain the same impassive the guidest presenting the newworks of the sensing equility respecting the movements of the best shifted in a line is a fairful. Since a superful is the since is a fairful. Since a fair is the since is a fair is superful. The publication of all books, new gap or princes, to abbeets, an all solid as configurations of the superful is to the superful in the superful is to the superful in the superful is to the superful is to the superful in the superful in the superful is to the superful in the superful in the superful is to the superful in the su marter is to helded. Barous the profiles, in what are braned by adopting the state of the large seasons. Atthin a weak's time it is rough death; hoped that a querian, will be obtained, and other actual above the Lagrashitz entered spen. Senor Junguit 6000; furtherly Chilian Kinister to, Senor Junguit 6000; furtherly Chilian Kinister to, Erundar, has arrived in Liuis to adjust a lease with France and subject to the contract of the senor of the subject and cour age to undertake a sink-sin a test.

Five Shillings Five for Selling Fireworks.

PHILADELPHIA, June 30 .- Frederick J. Euler was arranned this morning, under the act of F2th for selling fireworks, and was in accordance with that law, fined has shallings. The detendant had to visat Third streets buy five shillings from a broker, as the magic trate lossated on being paid in the regulation coin. SENATORS' BALARIES.

How they are Brawn by the Men who Do or A Fortune Teller's Comment on Mother Ship-

From the Constanced Empirer. WASHINGTON, June 24. - United States Sen-WASHINGTON, June 24.—United States Sentators draw their salaries just as regularly and with as much greediness as any other "hired hand" in Washington. Some of them draw every day during the session of Congress, some once a week, others twice a month. A few of them go into the casuier's room of the Secretary's office and get their salaries only once a month. One Senator only draws his pay once a year. year.
Among the Senators who most frequently call

and the bank draws on the Secretary of the Senate regularly every month, whether the Senate is in session or not.

Anthony is the only Senator that draws once a vear, and his banker attends to it for him.

Fair of Nevada went off without drawing a cent, but his salary from the 4th of March to the 1st of July will be sent to him, if he does not draw it out in the mean time. Fair is said to be worth 412,000,000.

Ben Harrison drew on his salary three or four times. In fact, up to the adjournment of the last session that was all the business he did in Washington other than vote ho with the Republicans during the dead-lock.

Call of Florida is said to be the most improvident Senator in the bunch. It is said that he really does not know how to manage his own financial affairs.

Senator Joe Brown, who locks like an early day Scotch Presbyterian, uses his saiary for living expenses in Washington. He draws his money whenever his hotel presents its bill. Then he goes to the Senato cash man, and complains about how much if costs to live in Washington. His living expenses, it is thought, however, do not exceed the salary. Last winter he boarded at the Riggs House, but he has bought, or proposes to buy, a house in which he will live, and, it is said, will entertain on an elaborate scale. Mr. Brown is said to be worth one or two millions.

There are several Senators who have no other income than their salaries. They cannot draw more money than is actually deet them, but are

income than their sainties. They cannot draw more money than is actually due them, but are entitled to their salary whether they come near Washington during the session of Congress or stay away. If they do not call for their money, it is sent to thom on the lat of their money. stay away. If they do not call for their money, it is sent to them on the let of July cach year. The majority of Senators are railroad directors. Presidents of railroad companies. Presidents of banks, bank directors. A: Pendieton and Sherman both have large railroad interests as also has Henry G. Davis of West Virginia, who has large mining interests, besides a large e-minoral business in Baltimore. Plumb and Ingalls of Kansas are both interested in railroad enterprises in the Southwest. With but few exceptions, all of them are interested in some way with some corporation or other. The \$5,000 salary paid Senators is, therefore, to them a minor consideration. There is not one of them that would not be willing to serve as United States Senator without the salary, and I question whether there is one of them that would serve if the salary was the only consideration at stake.

Base Ball Yesterday.

stake.

The Metropolitan Club of this city played the second game in Philadelphia vesterias with the Athletic Club of that city, and were defeated by S to 7. The match should have been won by the Metropolitans, but

ATLANTS, June 30.—Ex-Chief Justice Hiram
Warner, a native of New Humpshire, died today at the
residuose of his mice in this city at the ope of 7s after
a protonted times caused by a general treating down
of the constitution. He came to the open at the state of age, the has been member of the Lussiature, and has
presided on the circuit bunch. In 1846, when the Su
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pr ATLANTA, June 30 .- Ex-Chief Justice Hiram

A Fire on the Panama Kaliroad. PANAMA, June 21.—On the night of the 17th ust, the main car shop of the Panama Banroat Comparty at a series of the working remains to have best STAR, which he had in his tool other the sate areging, which mother asserts that be her \$30. The less to be company is probably immer \$25.000, but the incolvenience is very great.

ALAMOSA, Col., June 30,-At 12 o'clock on ALAM SA. COL. Julie 30.—Al 12 Octock on Tuesday night Sanders in select from lask City to this place was reduced by two masked men ten tribe west of Alamosa. The a west five men and on was an in the court, and the reducers scured between San and Shall from them. It is not known how much they secured from the mail and treasure how or the court. There is no charton the robbers.

Griscom's Weight After 23 Days' Fasting. Chicago, Ill., June 30,-At no n to-day John race on weighted helds to made, also some me to the astrachis dur hours, dail a aguid period had and allocalit conserved order. He conserve had be regard too 12 and bennerate a 10700. He accounted in being parts than during the pastra days.

Fine do Try Lines.

CLERK MARTIN'S SUICIDE.

Watching an Investigation of his Accounts Until he was Proved a Defaulter. Charles S. Martin, who for two years has been bookkeeper and confidential clerk for George W. Brown, a real estate agent at 728 Poiton street, Brooklyn, coma real estate agent a 1.25 Futton street, Brooking, committed suicide yesterday morning in his home, at 2.42 Adelphi street, Brooking, because of the discovery that he was a defaulter. Mr. Martin, who was 29 years old, was well educated, and seemed to passess correct business habits. Mr. Brown employed no other assistant, and when he was absent Marun managed his business and

ollected the rents.
About three weeks ago Mr. Brown found a discrepancy About three weeks ago at Brown found an expension in the accounts, and although Martin, when questioned, rememed trank and promist answers he was not able to excitate the error rolly, and Mr. Fer wit said that he was go the to have the accounts examined by an expert. Martin said that he wished he would, but intimated that it was a neclear expense, as the accounts were, without a doubt, all right.

Mr. From a set Mr. Robert Rawson, an expert, to work, a first a beginn one or that there had been as wisher.

Br. Brown set Mr. Robert Rawson, an expect, to work, and it soon become care that there had been a systematic embeginement. Martin attended at the office every day as usual, and preserved a calm exterior in spice of the net of evidence that the expert was drawing about him as he wont ever the book.

On Wednesday Marinn seministrepressed when he went them, but he conceased his redirectiven his wife. Early yesterlay marning white Mrs. Martin was proparing breakfast she heard a shot fired in her husband's best room. Harrying thither she found, into dead from a higher wound in his heart. The picted was at his soile.

Mrs. Marin, who had not suspected that her husband was to trouble, was almost craced by girls. Martin's transity connections are littlely respected, and none of his ritends knew of his desileation.

Mr. Brown was void tim discrepancies in the accounts so far discovered show the embezzement of about \$2.00, and it's believed that further investigation will show a greater loss.

ments commentates are hardly sessented, and some of in Mr. Phorm as print the discovered and with the interconnection of a discovered and with the interconnection of the interconnection o

CLOSING PRICES. Or. Wil. A St. P. nr. 134

Wh. A A Tex. 3

Wh. A Chin

A Mur. A Essex. 125

1. S. J. Centra. 101

7. Y. C. A H. 140

7. N. T. Rev. 102 Series and a series or Pacific of 

\$4.50 pt \$4.84 to refer balls.

A the close of business there had been \$18.00,000 m coursen 5 ft cent, bonds received for continuance at \$1.8 ft cant, including those which have been presented at the Lindon agency to date. Notices of additional tonds have reached the department, After these be his arrive, it is estimated by Treasury fill-cers, there will be but about filteen millions of the \$118.506.500, the amount of the coupon fives outstanding, at the time the option of continuance was made, left to be redeemed.

Receipts from internal fever here for an \$120. Receipts from interval revenue to-day, \$421.-116; customs, \$699.931; national bank notes re-ceived for redemption, \$102.030.
The receipts from internal revenue for the The recents from internal revenue for the fiscal year, exclusive of to day's, amount to \$151.074.166.00.

The recentles from customs for the same period, as sear as can be calculated to-day, amount to \$197.500.000.

From present indications, the public debt statement, which will be issued to-morrow, will show a reduction in the debt of about eleven millions. eleven milions.

The statement of the Assistant Treasurer of the United States at New York for the month of June shows the recents to have been \$5,157-302.28, and the disbursements \$10,207.002.28, and the disbursements \$10,207.27 Away \$1. The recents for eastoms during the month were \$11,517,553.81, an increase of \$10,584.44 upon the receipts of the same month in 1850.

The college executed at the United States Mint in Polladelphia for the fiscal year ending to-day augmentes 54.756.411 pieces, valued at 450.446.006.70.

The body is in the Bank of England Increased £200000 digitals the rest week. The weeks are not between shows a given for the first time that the coupons due to-mor- graphs to

row on their respective first mortgage bonds will be paid at the usual places. Whether they have borrowed the money for the purpose on their own respossibility, or whether it may been furnished by the Manhattan Company has not been divulged. The dividends on the stock of the two companies will not be paid, and the talk of paying them on the 6th is illusory. The Manhattan Company deposited in the United States Trust Company to lay the amount involved in the tax suit and interest upon the same, a total of \$184,000.

The proposed Belt Railroad Company of Chicago was organized yesterday by Eijah Smith of Boston, in conjunction with the trincipal officers of the Chicago, Burlington and Quincy, and Bilnois Central Eulfrond Companies. The capital stock was fixed at \$5,000, 000, and the following were elected a Board of Directors: H. D. Ledyard, A. L. Osborne, C. E. Perkins, T. J. Potter, Albert Keep, Marvin Haughitt, W. K. Ackerman, Joseph F. Tucker, and Edjan Smith.

The contract for the use of the Philadelphia, Allegheny Valley, and New Jersey Central roads by the Walash line has been agreed to, the Pennsylvania Railroad officials having been notified that terms drawn up by them are acceptable to all the interests.

The East River Savings Institution will pay interest at the rate of 4 % cent, upon all deposits entitled thereto on and after July 11.

Messrs, Wm. A. Paton and Henry J. Macdonald have been admitted to partnership in the banking and brokerage house of Leunsbery & Haggin, 13 Wall street.

New York Markets.

New York, Thursday, June 30.—Receipts of beef cattle, 14 car loads, or 210 head, all for an exporter. None for sale, Receipts beef doing fairly in Washington Market at 18/62 lp. ph. for Texas siles, and at Seplecter for native do Shioments to day 128 live cattle, 560 quarters of sleep, and 290 cereases of mution.

Hereipts of calves \$2.0 head, Good and prime walk were in domaind at sustained prices, but common veals, and all sorts of buttermilk calves were dull and lewer. Veals ranged from e. to Se. Ph.; butterfink calves from 30. to 40. 28 h.

Receipts of sleep and limbs 28 car loads, or 5,876 head, making a total of 11.800 for three days, against 10.1100 to same this last week, Good and prime sheep and limbs were in demand at atcomer prices, and the market cuteraily was series and large termination of the control of t

MARINE INTELLIGENCE

MINIATURE ALMANAG-PRIS DAY. Sun rises..... 4 32 San sets..... 7 35 Moon sets... 10 00 WHEN WATER-THIS DAY Sandy Hook .. 10 46; Gov. Island . 11 34 Hell Gate ... 1 10

Arrived-Turaspar, June 39. Se State of Georgia, Smith, Glasgow June 17, and Larne Se State of Georgia, Smith, Glasgow June 17, 110 h.
Se Claudius, Wiese, Laguayra June 18,
Se Talania, O'Neal, Dumbee,
Se Aive, Maillanie, Aspinwall,
Se Aive, Walthanie, Aspinwall,
Se Aive, Krause, Anneston, Ja.
Se Katte, Wiese, Stellin,
Se Samprich, Morton, Sydney and Cow Bay,
Se Nestane, Berry, Beston,
Se Pomora, Mariania, Mortogo Ray,
Se P. C. Ward, Jr., Prayett, Buakan,
Se Comora, Mariania, Mortogo Ray,
Se C. Ward, Jr., Prayett, Buakan,
Se Comorado, Belief, Galveston,
Schillania, Christoffer, Lendon,
Berr, Caralina Falinica, Sectio, Lisbon,
Berr, Caralina Falinica, Sectio, Lisbon,
Berr, Camberl, Tarsica, Lendon,
Berr, Camberl, Tarsica, Lendon,
Bark, Lew Wood, Frinc, Havyr,

Business Rotices. \$2.50 Mackinaws Reduced to \$1.20, Mantia

Surf Hotel, Fire Island Beach.

BALDWIN-GARDINER—in Wednesday, June 29, at the rest erice of the torsic in Broaden, by the Rev Menry E. New York, Pr. Amustine C. Basdwin of P.a. theid, N. J. to the me E. daughter of the late Rev. B. H. tayoung at M. H. tayoung at M. Tayoung at M. Sande Cheng, by the Rev De. Henry W. Bellows, George B. South Cheng, by the Rev De. Henry W. Bellows, George B. South Cheng, by the Rev De. Henry W. Bellows, George B. South Cheng, by the Rev De. Henry W. Bellows, George B. South Cheng, by the Act Description of the late Samuel J. Jacobbe, a last Universe. Market and the ers. Advanter of the late Samuel J. Jarobie and the ers. Will CON-CHRISTY —At the residence of R. W. Court bey, Schilds and the state of the state

DIED.

BASSFORD.—On June 20, of consumption, Alice, Widow of the bate Edward D. Bossford in her offin year, Frinceral form her late residence, 22 East 120 st. on Saturdae, at 2 octook P.M. Junesment in family her year, plot, Trunty to meters, 1997, 81. Relatives and grounds with a water good this amination. one plot. Train Considers. 1500; st. Relatives and strings of the similarities. Hitters 1500; in Far imaginate. Mr. Jone 23. Caper Hours Folk amps, metally leads 15 pers. Ho was a well-known search and in the forty pears in which he followed the sea materians a range.

\*\*AMPIGELL\*\* on Winner, Cal. June 5. Eleanor Campbell, cred 150 years. no 18, James J., sen of William and Ann Con, calls cars. Be mark file with are invoted to attend the inneral con his lake residence. Too ist av. on Friday, at 1.30 M DAVISON - in Lockport, S. V., June 28. Thomas Aview and Plynars, DEVIN - On Webselder, June 29, Mrs. Maria F. Devin, but of the late Henry Patchess. Resultives and transferance involved Lyaffend, the funeral

PRODUCT TO N w chilero, Mass., June 24. Dexter intes - to N or the bornel I, thus, June 27, Dr. John

Special Hotices.

PILEST PILESTI PILESTII Assessment to many, Marchard Is there and I located to will have a local part of the many school of the case of the second of the seco HARRIET COSTANT OF JAMANA GIA

of 1.5.55,000 frames gold, and 1.5.6.000 frames
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The New York Elevated and the Metropolitan
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The New York Companies, advantage lightness, New York

resident to VERV BIST Couper Is away.

"Ol to K A A WINK."-Instancine one photo graphs by MOCKWOOD, 17 Union space, New York.